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| **Title of unit:** | Volume and Surface Area |
| **Overview of unit:** | Volume and surface area of:* Cubes and cuboids
* Prisms
* Cylinders
* Pyramids, cones, spheres and frustums

Volume and surface area problem solving |
| **Cross-curricular/ extra-curricular links:** |  |
| **Literacy/ numeracy links:** | Worded problems/exam questionsKeywords displayed on all PPts – volume, surface area, cross section, cube, cuboid, prism, height, width, depthWritten plenaries |

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| **Grade:** | **Learning objective:** | **Resources:** |
| **1** |  |  |
| **2** |  |  |
| **3** | Calculate the volume and surface area of cubes and cuboidsCalculate the height of a cuboid, given volume, width and depth | [Volume and surface area of cuboids](https://www.piximaths.co.uk/cuboids) |
| **4** | Calculate the volume and surface area of triangular prismCalculate the volume and surface area of cylinders | [Volume and surface area of prisms](https://www.piximaths.co.uk/volume-and-surface-area-of-prisms)[Cylinders, cones and spheres](https://www.piximaths.co.uk/cylinders-pyramids-and-spheres) |
| **5** | Calculate the volume and surface area of pyramids and spheresCalculate the volume and of a frustum of a truncated cone | [Cylinders, cones and spheres](https://www.piximaths.co.uk/cylinders-pyramids-and-spheres) |
| **6** |  |  |
| **7** |  |  |
| **8** |  |  |
| **9** |  |  |